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AGA American Gas Association

Monthly Gas Utility Statistical Report

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November 1986

Residential and commercial sales increased while industrial and electric generation sales decreased in November, 1986 compared with last year. Total utility sales were down from 1001.6 trillion Btu in November, 1985 to 872.2 trillion Btu in November, 1986. Transportation volumes to end-users were up 41.3 percent compared with last year.

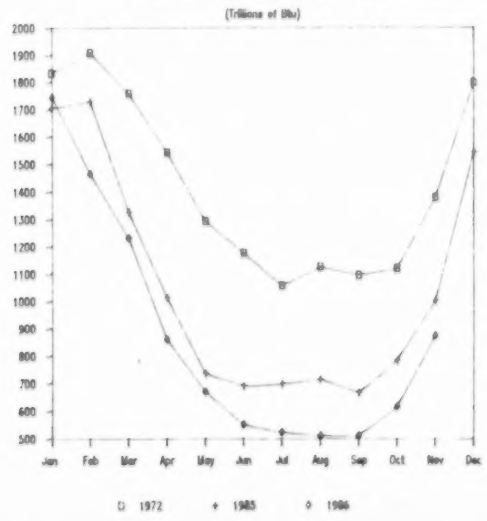
GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	November			Year-to-Date		January 1 to December 31		
	1986	1985	%Change[1]	1986	(% Change) Last Period	1986 Forecast[2]	1985	% Change
Residential	385.7	339.3	+ 13.7	3,797.3	- 0.7	4,430.7	4,513.0	- 1.8
Commercial	198.8	186.4	+ 6.7	1,959.6	- 2.4	2,265.4	2,338.1	- 3.1
Industrial	198.6	304.5	- 34.8	2,564.6	- 22.9	2,924.9	3,686.2	- 20.6
Elec. Gen.	78.6	160.9	- 51.1	1,121.0	- 37.7	1,271.0	1,948.7	- 34.8
Other	10.5	10.5	-	109.5	-	127.3	129.5	-
Total Sales	872.2	1001.6	- 12.9	9,552.0	- 13.7	11,019.3	12,615.5	- 12.6
Transportation	182.9	129.4	+ 41.3	1,716.4	+ 38.9			
Total Volumes	1055.1	1131.0	- 6.7	11,268.4	- 8.4			
Degree Days*	588	547	+ 7.5	N/A	N/A			

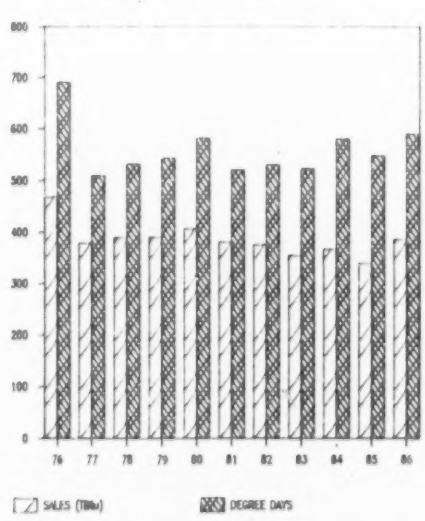
*Source: NOAA (Weighted by Gas Homeheating Customers - Normal for November is 563).

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

TOTAL MONTHLY GAS UTILITY SALES



NOVEMBER RESIDENTIAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - NOVEMBER
(Thousands of Units)

	1986	1985	% Change '85 vs '86
Domestic Ranges			
Gas	173.0	162.1	+ 6.7
Electric	277.9	269.5	+ 3.1
Clothes Dryers			
Gas	81.6	75.7	+ 7.8
Electric	268.0	264.7	+ 1.2
Water Heaters			
Gas	293.9	288.2	+ 2.0
Electric	253.9	268.4	- 5.4
Warm Air Furnaces			
Gas	202.1	181.0	+ 11.6
Electric	27.5	28.6	- 3.9
Oil	20.8	16.6	+ 25.6
Boilers			
Gas	22.7	24.9	- 8.4
Electric	0.1	0.1	- 48.7
Oil	13.8	11.6	+ 18.8

Source: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS - NOVEMBER

	1986	1985	% Change '85 vs '86
Total Actual Private Housing Starts (Thous. of units)	116.7	124.1	- 6.0
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	523.7	559.9	- 6.5
Electricity	354.1	356.6	- 0.7
Fuel Oil	434.2	650.8	- 33.3

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	63.3	72.7	- 12.9
Gas Utility Prices ($/MMBtu)			
Residential	5.59	6.03	- 7.3
Commercial	4.84	5.34	- 9.4
Industrial	3.62	4.18	- 13.4
Electric Generation	2.47	3.71	- 33.4
Total	4.67	4.95	- 5.7
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	182.9	129.4	+ 41.3
For Ultimate Consumers	52.9	38.5	+ 37.4
For Resale	409.0	277.9	+ 47.2
Total	644.8	445.8	+ 44.6

Source: A.G.A.

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1978	Dec.	2.184	2.534	2.279	1.940	1.721	1.788
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Nov.	5.055	6.005	5.481	4.285	3.844	4.837
	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986[P]	Jan.	4.975	5.888	5.386	4.217	3.778	4.759
	Feb.	4.940	5.869	5.356	4.175	3.739	4.750
	Mar.	4.913	5.834	5.319	4.133	3.694	4.701
	Apr.	4.889	5.819	5.292	4.091	3.629	4.682
	May	4.865	5.800	5.272	4.053	3.553	4.656
	Jun.	4.839	5.788	5.253	4.015	3.434	4.637
	Jul.	4.821	5.783	5.238	3.977	3.298	4.614
	Aug.	4.807	5.778	5.220	3.936	3.155	4.603
	Sep.	4.791	5.772	5.205	3.896	3.030	4.591
	Oct.	4.775	5.767	5.188	3.848	2.896	4.548
	Nov.	4.750	5.731	5.145	3.797	2.765	4.496

AVERAGE MONTHLY GAS UTILITY PRICES
($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1984	Nov.	5.15	6.01	5.47	4.37	4.40	4.29
	Dec.	5.31	5.87	5.52	4.45	4.53	4.22
1985	Jan.	5.28	5.82	5.53	4.33	4.43	4.02
	Feb.	5.20	5.66	5.44	4.31	4.44	3.89
	Mar.	5.20	5.84	5.51	4.27	4.40	3.91
	Apr.	5.09	5.89	5.54	4.23	4.32	4.00
	May	4.97	6.39	5.55	4.08	4.19	3.85
	Jun.	4.86	6.74	5.58	4.04	4.16	3.84
	Jul.	4.73	6.95	5.53	3.99	4.13	3.83
	Aug.	4.64	7.02	5.43	3.93	4.14	3.72
	Sep.	4.74	6.93	5.40	3.94	4.12	3.71
	Oct.	4.82	6.39	5.35	3.98	4.13	3.73
	Nov.	4.95	6.03	5.34	4.02	4.18	3.71
	Dec.	4.97	5.54	5.24	4.02	4.14	3.71
1986[P]	Jan.	4.97	5.45	5.19	3.98	4.14	3.49
	Feb.	4.95	5.50	5.23	3.82	4.01	3.12
	Mar.	4.94	5.57	5.20	3.73	3.94	2.72
	Apr.	4.79	5.70	5.20	3.50	3.77	2.47
	May	4.56	5.98	5.18	3.27	3.59	2.62
	Jun.	4.32	6.39	5.12	3.05	3.53	2.36
	Jul.	4.30	6.80	5.12	3.03	3.48	2.39
	Aug.	4.26	6.82	4.96	3.03	3.46	2.47
	Sep.	4.36	6.70	5.01	3.06	3.45	2.53
	Oct.	4.54	6.28	5.04	3.13	3.50	2.44
	Nov.	4.67	5.59	4.84	3.29	3.62	2.47

Editor - Susan Brown (703/841-8503)

[1]The percent change is a function of the 69 sample companies.
[2]1986 forecasts for the residential and commercial sectors are based on available 1986 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (both industrial only and electric generation) is also based on available 1986 monthly data with the remaining months of 1986 heavily weighted by last years sales with no adjustment made for degree days.
[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.
P-Preliminary.